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**RESPONSE UNDER 37 CFR 1.116 EXPEDITED PROCEDURE
EXAMINING GROUP 1753**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Patent Application of Antonio M. Goncalves

Serial No. 10/660,308

Filed: September 10, 2003

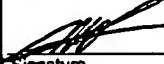
For: Automated System for High-Throughput Electrophoretic Separations

Attorney Docket: 6056-316 CT1 (189230)

Group Art Unit: 1753

Examiner: Alexander Noguerola

Customer No. 23973

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to:	
Director for Patents P.O. Box 1450, Alexandria, VA 22313-1450, on January 24, 2005	
Date of Deposit Michelle D. Sebastian	
Name 	1/24/05 Date

RESPONSE TO FINAL OFFICE ACTION

Mail Stop AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This is in response to the Office Action mailed on October 25, 2004 in the above-referenced application. This response is being filed within the three month period set for response in the action. No fee should be due for entry of this response. However, if any fee is determined to be due, please charge such fee and credit any overpayment to Deposit Account No. 50-0573.

Amendments to the Claims begin on page 2.

Remarks begin on page 27.